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CERTIFICADO DE CALIDAD / MILL TEST REPORT

CLIENTE / SOLD TO	DESTINATARIO/SHIP TO	FACTURA/INVOICE
Aceromex, S.A. de C.V. Vía José López Portillo No. 12 Bis San Francisco Chilpan Tultitlan MEX C.P.54900	Aceromex, S.A. de C.V. Vía José López Portillo No. 12 Bis San Francisco Chilpan Tultitlan MEX C.P. 54900	306545
		FECHA/DATE
		07/27/2016

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CÓDIGO/ CODE	DESCRIPCIÓN DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	ANÁLISIS				
							%C	%Mn	%P	%S	%SI
4500155878	10189492-50	0012172666	0012240266	300245	PC 4.00X2.00 0.0747 CCCSDPR STK 6.000	6000 mm	0.0860	0.6000	0.0100	0.0090	0.0080
4500155878	10189492-50	0012172666	0012240265	300245	PC 4.00X2.00 0.0747 CCCSDPR STK 6.000	6000 mm	0.0860	0.6000	0.0100	0.0090	0.0080
4500155878	10189492-50	0012182997	0012227365	300245	PC 4.00X2.00 0.0747 CCCSDPR STK 6.000	6000 mm	0.0730	0.6100	0.0130	0.0110	0.0050
4500155878	10189492-60	0012183011	0012247519	300248	PC 5.00X2.00 0.0747 CCCSDPR STK 6.000	6000 mm	0.0760	0.5900	0.0140	0.0130	0.0070
4500155878	10189492-60	0012183011	0012247392	300248	PC 5.00X2.00 0.0747 CCCSDPR STK 6.000	6000 mm	0.0760	0.5900	0.0140	0.0130	0.0070
4500155878	10189492-60	0012183011	0012247515	300248	PC 5.00X2.00 0.0747 CCCSDPR STK 6.000	6000 mm	0.0760	0.5900	0.0140	0.0130	0.0070
4500155878	10189492-60	0012183011	0012247518	300248	PC 5.00X2.00 0.0747 CCCSDPR STK 6.000	6000 mm	0.0760	0.5900	0.0140	0.0130	0.0070
4500155878	10189492-220	0012136350	0012244201	311225	RECT 3.00X2.00 0.0747 CCCSDN STK 6.000	6000 mm	0.0910	0.3400	0.0150	0.0090	0.0090
4500155878	10189492-220	0012136350	0012244203	311225	RECT 3.00X2.00 0.0747 CCCSDN STK 6.000	6000 mm	0.0910	0.3400	0.0150	0.0090	0.0090
4500155878	10189492-220	0012136348	0012244211	311225	RECT 3.00X2.00 0.0747 CCCSDN STK 6.000	6000 mm	0.0860	0.3400	0.0090	0.0100	0.0070
4500155878	10189492-220	0012136350	0012244118	311225	RECT 3.00X2.00 0.0747 CCCSDN STK 6.000	6000 mm	0.0910	0.3400	0.0150	0.0090	0.0090
4500155878	10189492-220	0012136350	0012244204	311225	RECT 3.00X2.00 0.0747 CCCSDN STK 6.000	6000 mm	0.0910	0.3400	0.0150	0.0090	0.0090
4500155878	10189492-130	0012187800	0012242579	311199	CUAD 1.000 0.1345 CGBSDN STK 6.000	6000 mm	0.0870	0.3400	0.0120	0.0120	0.0050
4500155878	10189492-130	0012060425	0012126900	311199	CUAD 1.000 0.1345 CGBSDN STK 6.000	6000 mm	0.0800	0.3800	0.0240	0.0100	

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	PROPIEDADES FÍSICAS/ MECHANICAL			PROPIEDADES		ESTANDAR/ STANDAR	COLADA/ HEAT	HECHO/ MADE
				DUREZA/ (HRB)	TENSION/ TENSILE (ksi)	CEDENCIA/ YIELD (ksi)	ELONGACION/ ELONGATION(%)				
4500155878	10189492-50	0012172666	0012240266	50	45	33	24		164291	Made in Mexico	
4500155878	10189492-50	0012172666	0012240265	50	45	33	24		164291	Made in Mexico	
4500155878	10189492-50	0012182997	0012227365	50	45	33	24		361074	Made in Mexico	
4500155878	10189492-60	0012183011	0012247519	50	45	33	24		265077	Made in Mexico	
4500155878	10189492-60	0012183011	0012247392	50	45	33	24		265077	Made in Mexico	
4500155878	10189492-60	0012183011	0012247515	50	45	33	24		265077	Made in Mexico	
4500155878	10189492-60	0012183011	0012247518	50	45	33	24		265077	Made in Mexico	
4500155878	10189492-220	0012136350	0012244201	50	45	33	24	A513	264847	Made in Mexico	
4500155878	10189492-220	0012136350	0012244203	50	45	33	24	A513	264847	Made in Mexico	
4500155878	10189492-220	0012136348	0012244211	50	45	33	24	A513	360980	Made in Mexico	
4500155878	10189492-220	0012136350	0012244118	50	45	33	24	A513	264847	Made in Mexico	
4500155878	10189492-220	0012136350	0012244204	50	45	33	24	A513	264847	Made in Mexico	
4500155878	10189492-130	0012187800	0012242579	77	61	53	30	A500 Grado B	462650	Made in Mexico	
4500155878	10189492-130	0012060425	0012126900	61	65	67	37	A500 Grado B	27082854004	Made in Mexico	

PERFILES, POLINES Y TUBOS



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CLIENTE / SOLD TO	DESTINATARIO/SHIP TO	FACTURA/INVOICE 306545
Aceromex, S.A. de C.V. Vía José López Portillo No. 12 Bis San Francisco Chilpan Tultitlan MEX C.P.54900	Aceromex, S.A. de C.V. Vía José López Portillo No. 12 Bis San Francisco Chilpan Tultitlan MEX C.P. 54900	FECHA/DATE 07/27/2016

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CODIGO/ CODE	DESCRIPCIÓN DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	ANÁLISIS				
							%C	%Mn	%P	%S	%SI
4500155878	10189492-130	0012060425	0012127045	311199	CUAD 1.000 0.1345 CGSDN STK 6.000	6000 mm	0.0800	0.3800	0.0240	0.0100	
4500155878	10189492-130	0012060425	0012127078	311199	CUAD 1.000 0.1345 CGSDN STK 6.000	6000 mm	0.0800	0.3800	0.0240	0.0100	
4500155878	10189492-400	0012172699	0012289516	300125	CUAD 1.500 0.0478 FCCM1PR STK 6.000	6000 mm	0.0650	0.1800	0.0100	0.0110	0.0150
4500155878	10189492-400	0012172699	0012289523	300125	CUAD 1.500 0.0478 FCCM1PR STK 6.000	6000 mm	0.0650	0.1800	0.0100	0.0110	0.0150
4500155878	10189492-400	0012172699	0012289530	300125	CUAD 1.500 0.0478 FCCM1PR STK 6.000	6000 mm	0.0650	0.1800	0.0100	0.0110	0.0150
4500155878	10189492-400	0012172699	0012289555	300125	CUAD 1.500 0.0478 FCCM1PR STK 6.000	6000 mm	0.0650	0.1800	0.0100	0.0110	0.0150
4500155878	10189492-400	0012146153	0012234178	300125	CUAD 1.500 0.0478 FCCM1PR STK 6.000	6000 mm	0.0630	0.1800	0.0130	0.0080	0.0080
4500155878	10189492-510	0012172700	0012275754	300139	RECT 1.25X0.75 0.0478 FCCM1PR STK 6.000	6000 mm	0.0650	0.1800	0.0100	0.0110	0.0150
4500155878	10189492-510	0012172700	0012275709	300139	RECT 1.25X0.75 0.0478 FCCM1PR STK 6.000	6000 mm	0.0650	0.1800	0.0100	0.0110	0.0150
4500155878	10189492-510	0012041378	0012130080	300139	RECT 1.25X0.75 0.0478 FCCM1PR STK 6.000	6000 mm	0.0520	0.1660	0.0050	0.0030	0.0140
4500155878	10189492-510	0012011482	0012130080	300139	RECT 1.25X0.75 0.0478 FCCM1PR STK 6.000	6000 mm	0.0600	0.1800	0.0100	0.0130	0.0120
4500155878	10189492-510	0012041378	0012130043	300139	RECT 1.25X0.75 0.0478 FCCM1PR STK 6.000	6000 mm	0.0520	0.1660	0.0050	0.0030	0.0140
4500155878	10189492-390	0012160704	0012260282	300124	CUAD 1.250 0.0478 FCCM1PR STK 6.000	6000 mm	0.0620	0.1800	0.0130	0.0100	0.0030
4500155878	10189492-390	0012151462	0012260283	300124	CUAD 1.250 0.0478 FCCM1PR STK 6.000	6000 mm	0.0500	0.1800	0.0090	0.0090	0.0070

O.C/ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	PROPIEDADES FÍSICAS/ MECHANICAL			ELONGACION/ ELONGATION(%)	ESTANDAR/ STANDAR	COLADA/ HEAT	HECHO/ MADE
				DUREZA/ (HRB)	TENSION/ TENSILE (ksi)	CEDENCIA/ YIELD (ksi)				
4500155878	10189492-130	0012060425	0012127045	61	65	67	37	A500 Grado B	27082854004	Made in Mexico
4500155878	10189492-130	0012060425	0012127078	61	65	67	37	A500 Grado B	27082854004	Made in Mexico
4500155878	10189492-400	0012172699	0012289516	49	45	33	24	A513	165138	Made in Mexico
4500155878	10189492-400	0012172699	0012289523	49	45	33	24	A513	165138	Made in Mexico
4500155878	10189492-400	0012172699	0012289530	49	45	33	24	A513	165138	Made in Mexico
4500155878	10189492-400	0012172699	0012289555	49	45	33	24	A513	360696	Made in Mexico
4500155878	10189492-400	0012146153	0012234178	55	45	33	24	A513	165138	Made in Mexico
4500155878	10189492-510	0012172700	0012275754	49	45	33	24	A513	165138	Made in Mexico
4500155878	10189492-510	0012172700	0012275709	49	45	33	24	A513	165138	Made in Mexico
4500155878	10189492-510	0012041378	0012130080	50	45	33	24	A513	1640751012	Made in Mexico
4500155878	10189492-510	0012011482	0012130080	55	45	33	24	A513	360498	Made in Mexico
4500155878	10189492-510	0012041378	0012130043	50	45	33	24	A513	1640751012	Made in Mexico
4500155878	10189492-390	0012160704	0012260282	50	45	33	24	A513	264777	Made in Mexico
4500155878	10189492-390	0012151462	0012260283	50	45	33	24	A513	264770	Made in Mexico



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		FECHA/DATE
		07/27/2016

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CÓDIGO/ CODE	DESCRIPCIÓN DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	ANÁLISIS				
							%C	%Mn	%P	%S	%SI
4500155878	10189492-390	0012160704	0012260283	300124	CUAD 1.250 0.0478 FCCM1PR STK 6.000	6000 mm	0.0620	0.1800	0.0130	0.0100	0.0030
4500155878	10189492-390	0012151462	0012260284	300124	CUAD 1.250 0.0478 FCCM1PR STK 6.000	6000 mm	0.0500	0.1800	0.0090	0.0090	0.0070
4500155878	10189492-390	0012160704	0012260258	300124	CUAD 1.250 0.0478 FCCM1PR STK 6.000	6000 mm	0.0620	0.1800	0.0130	0.0100	0.0030
4500155878	10189492-90	0011548492	0012261732	300290	PC 8.00X2.75 0.1046 CCCSDPR STK 8.000	8000 mm	0.0851	0.5819	0.0154	0.0119	0.0111
4500155878	10189492-90	0011872942	0012259457	300290	PC 8.00X2.75 0.1046 CCCSDPR STK 8.000	8000 mm	0.0840	0.5900	0.0110	0.0120	0.0090
4500155878	10189492-90	0011548492	0012261575	300290	PC 8.00X2.75 0.1046 CCCSDPR STK 8.000	8000 mm	0.0851	0.5819	0.0154	0.0119	0.0111
4500155878	10189492-90	0011872942	0012259451	300290	PC 8.00X2.75 0.1046 CCCSDPR STK 8.000	8000 mm	0.0840	0.5900	0.0110	0.0120	0.0090
4500155878	10189492-90	0012048345	0012261945	300290	PC 8.00X2.75 0.1046 CCCSDPR STK 8.000	8000 mm	0.0790	0.6100	0.0180	0.0120	0.0130
4500155878	10189492-90	0012048345	0012261962	300290	PC 8.00X2.75 0.1046 CCCSDPR STK 8.000	8000 mm	0.0790	0.6100	0.0180	0.0120	0.0130
4500155878	10189492-370	0012174209	0012279836	300163	CUAD 1.000 0.0478 FCCM1PR STK 6.000	6000 mm	0.0620	0.2000	0.0180	0.0090	0.0090
4500155878	10189492-370	0012174209	0012279843	300163	CUAD 1.000 0.0478 FCCM1PR STK 6.000	6000 mm	0.0620	0.2000	0.0180	0.0090	0.0090
4500155878	10189492-370	0012174209	0012279889	300163	CUAD 1.000 0.0478 FCCM1PR STK 6.000	6000 mm	0.0620	0.2000	0.0180	0.0090	0.0090

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	PROPIEDADES FÍSICAS/ MECHANICAL		PROPIEDADES MECÁNICAS/ MECHANICAL		ESTANDAR/ STANDAR	COLADA/ HEAT	HECHO/ MADE
				DUREZA/ (HRB)	TENSION/ TENSILE (ksi)	CEDENCIA/ YIELD (ksi)	ELONGACION/ ELONGATION(%)			
4500155878	10189492-390	0012160704	0012260283	50	45	33	24	A513	264777	Made in Mexico
4500155878	10189492-390	0012151462	0012260284	50	45	33	24	A513	264770	Made in Mexico
4500155878	10189492-390	0012160704	0012260258	50	45	33	24	A513	264777	Made in Mexico
4500155878	10189492-90	0011548492	0012261732	50	45	33	24		152750	Made in Mexico
4500155878	10189492-90	0011872942	0012259457	50	45	33	24		360145	Made in Mexico
4500155878	10189492-90	0011548492	0012261575	50	45	33	24		152750	Made in Mexico
4500155878	10189492-90	0011872942	0012259451	50	45	33	24		360145	Made in Mexico
4500155878	10189492-90	0012048345	0012261945	50	45	33	24		360757	Made in Mexico
4500155878	10189492-90	0012048345	0012261962	50	45	33	24		360757	Made in Mexico
4500155878	10189492-370	0012174209	0012279836	50	45	33	24	A513	165144	Made in Mexico
4500155878	10189492-370	0012174209	0012279843	50	45	33	24	A513	165144	Made in Mexico
4500155878	10189492-370	0012174209	0012279889	50	45	33	24	A513	165144	Made in Mexico